

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070218\
 Data File : BN001929.D
 Acq On : 02 Jul 2018 11:33
 Operator : JU/SJ
 Sample : J3661-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 03 01:52:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 03 01:51:51 2018
 Response via : Initial Calibration

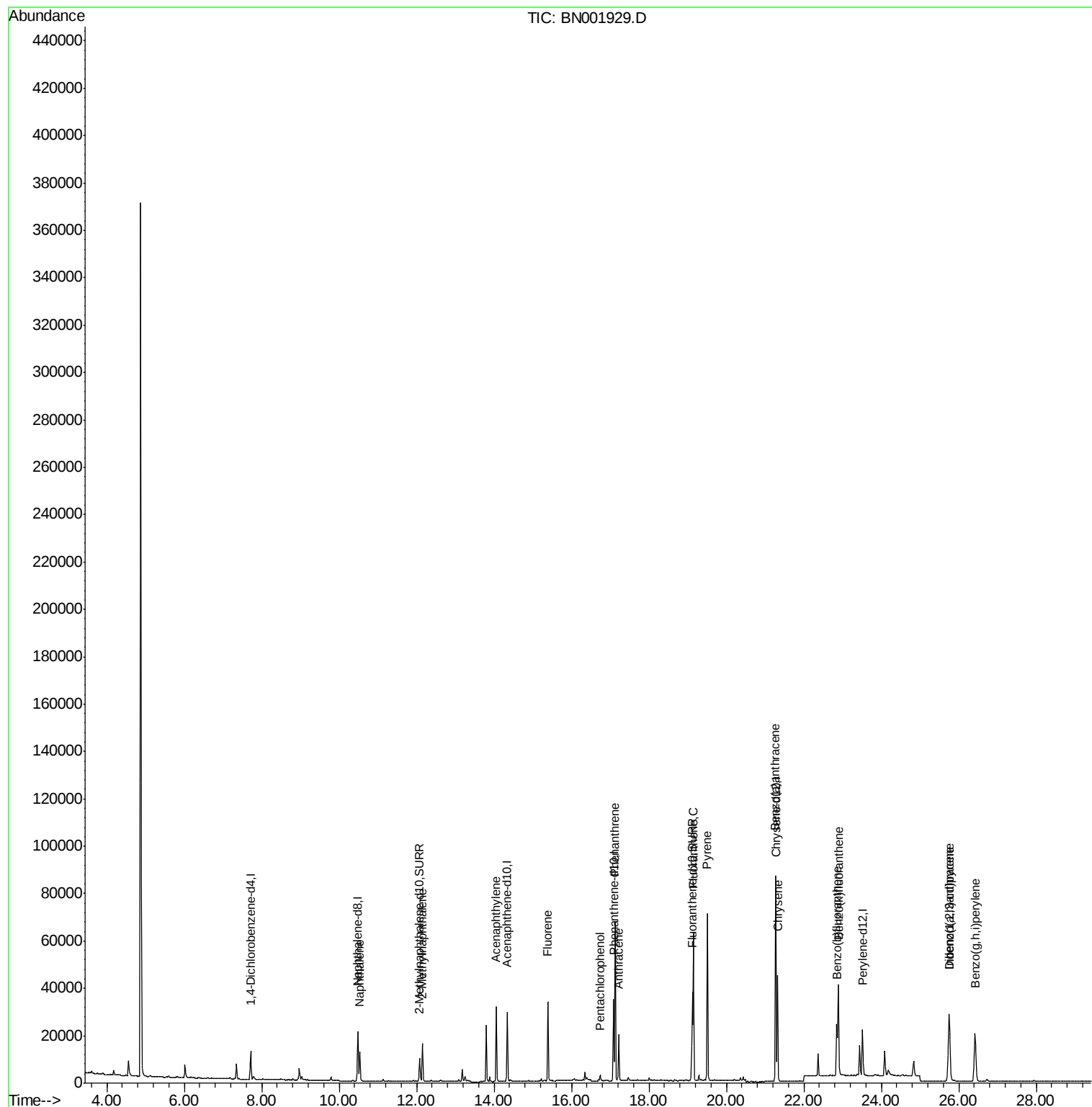
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	6163	0.40	ng/ul	0.00
2) Naphthalene-d8	10.48	136	26491	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.34	164	15991	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	38857	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	31295	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	25216	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.08	152	12805	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	40899	0.35	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.53	128	16389	0.240	ng/ul	97
5) 2-Methylnaphthalene	12.15	142	11367	0.233	ng/ul	98
7) Acenaphthylene	14.06	152	35970	0.460	ng/ul	95
9) Fluorene	15.39	166	21072	0.314	ng/ul#	94
11) Pentachlorophenol	16.74	266	1728	0.235	ng/ul	97
12) Phenanthrene	17.12	178	70313	0.607	ng/ul#	89
13) Anthracene	17.22	178	21729	0.198	ng/ul#	92
15) Fluoranthene	19.15	202	53103	0.386	ng/ul	96
17) Pyrene	19.51	202	61088	0.537	ng/ul	97
18) Benzo(a)anthracene	21.27	228	68945	0.637	ng/ul#	85
19) Chrysene	21.32	228	38094	0.354	ng/ul	97
21) Benzo(b)fluoranthene	22.85	252	26206	0.286	ng/ul	90
22) Benzo(k)fluoranthene	22.89	252	45653	0.500	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.74	276	32996	0.346	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.76	278	28916	0.380	ng/ul#	91
26) Benzo(a,h,i)perylene	26.42	276	42107	0.519	ng/ul	96

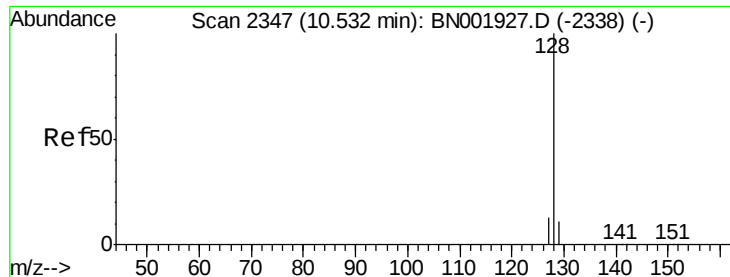
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 03 01:51:51 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.240 ng/ul

RT: 10.53 min Scan# 2347

Delta R.T. 0.00 min

Lab File: BN001929.D

Acq: 02 Jul 2018 11:33

Instrument :

BNA_N

ClientSampleId :

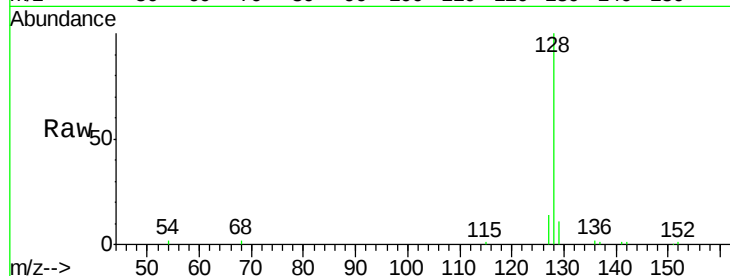
Tot Ion:128 Resp: 16389

Ion Ratio Lower Upper

128 100

129 11.2 8.0 12.0

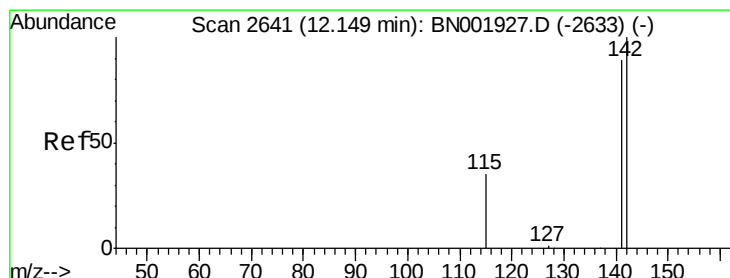
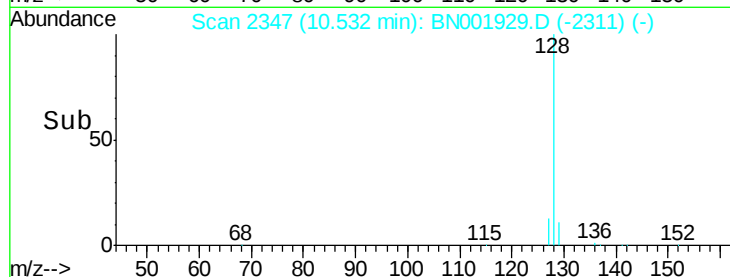
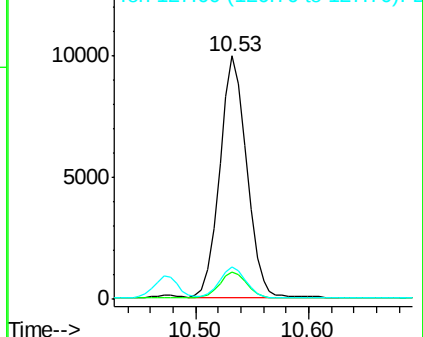
127 13.5 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.233 ng/ul

RT: 12.15 min Scan# 2641

Delta R.T. 0.00 min

Lab File: BN001929.D

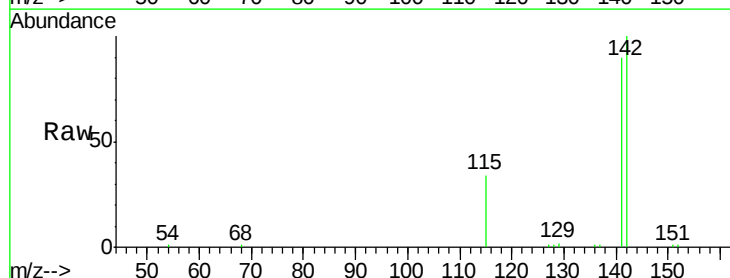
Acq: 02 Jul 2018 11:33

Tgt Ion:142 Resp: 11367

Ion Ratio Lower Upper

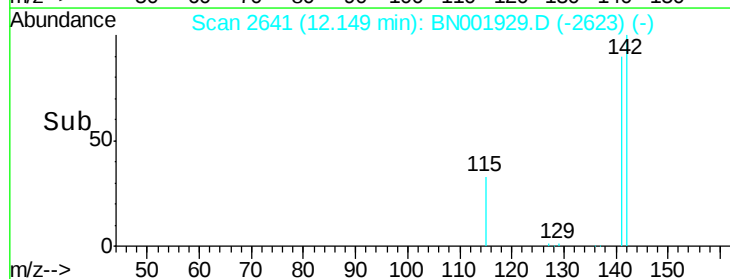
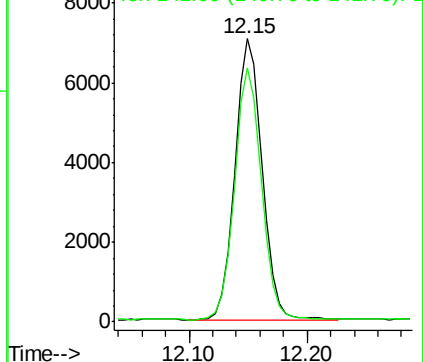
142 100

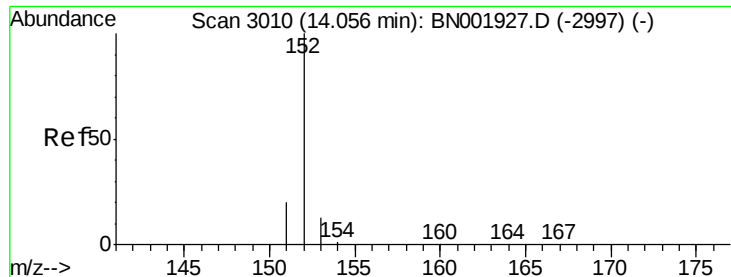
141 88.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.460 ng/ul

RT: 14.06 min Scan# 3010

Delta R.T. 0.00 min

Lab File: BN001929.D

Acq: 02 Jul 2018 11:33

Instrument :

BNA_N

ClientSampleId :

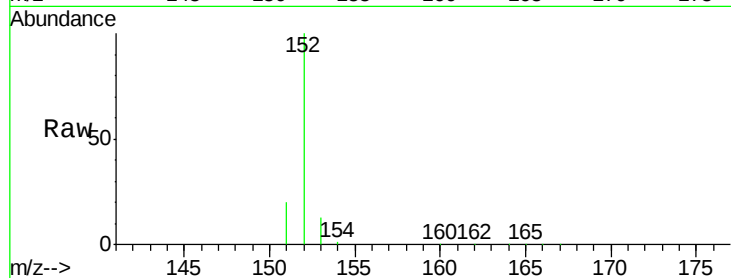
Tot Ion:152 Resp: 35970

Ion Ratio Lower Upper

152 100

151 19.8 17.1 25.7

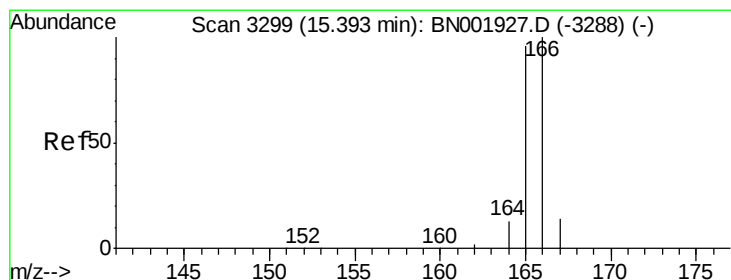
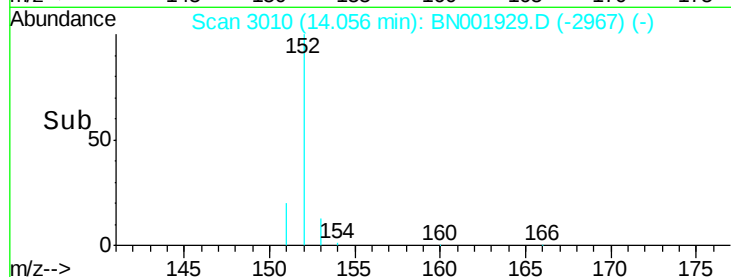
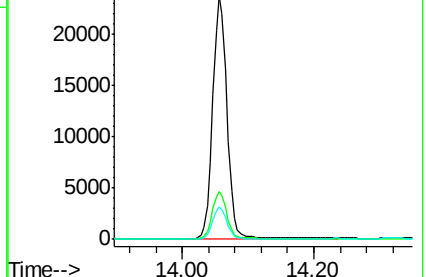
153 13.1 12.8 19.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#9

Fluorene

Concen: 0.314 ng/ul

RT: 15.39 min Scan# 3299

Delta R.T. 0.00 min

Lab File: BN001929.D

Acq: 02 Jul 2018 11:33

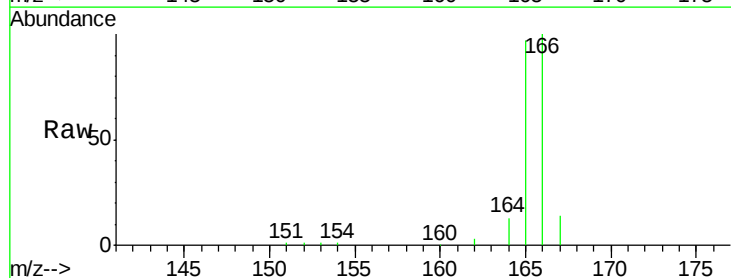
Tgt Ion:166 Resp: 21072

Ion Ratio Lower Upper

166 100

165 96.8 73.4 110.2

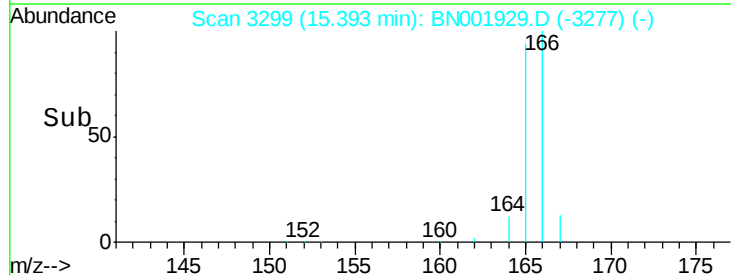
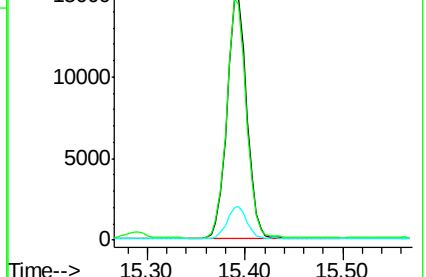
167 13.9 14.6 22.0#

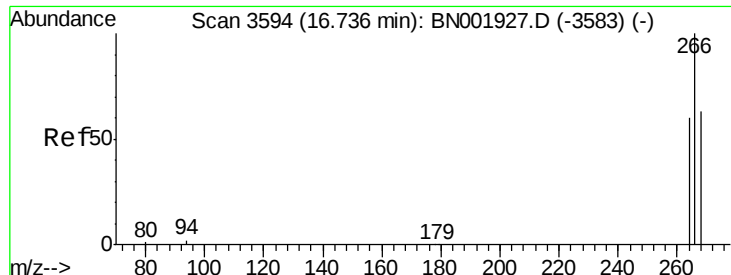


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

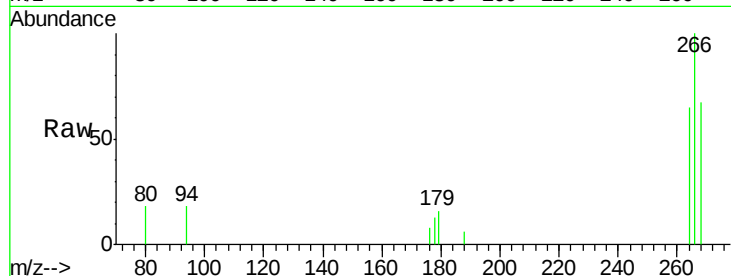




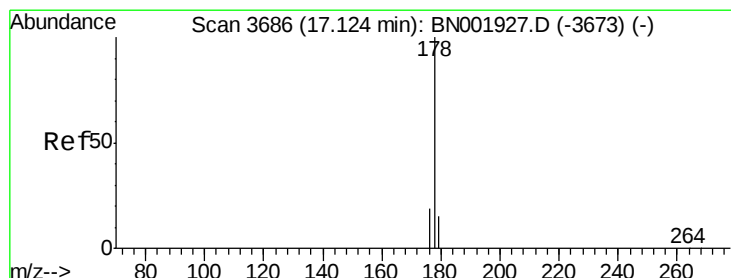
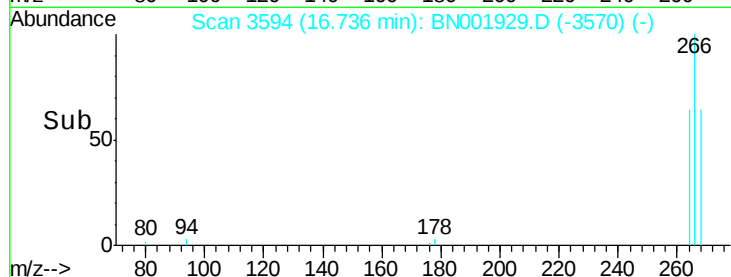
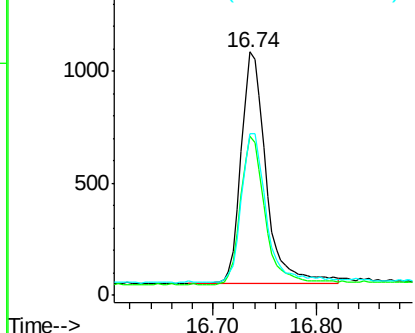
#11
 Pentachlorophenol
 Concen: 0.235 ng/ul
 RT: 16.74 min Scan# 3594
 Delta R.T. 0.00 min
 Lab File: BN001929.D
 Acq: 02 Jul 2018 11:33

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:266 Resp: 1728
 Ion Ratio Lower Upper
 266 100
 264 63.4 47.9 71.9
 268 63.8 49.8 74.8

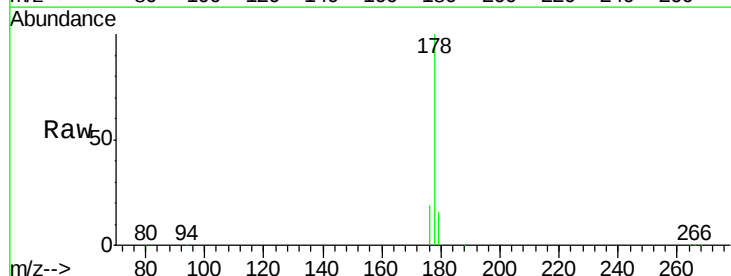


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

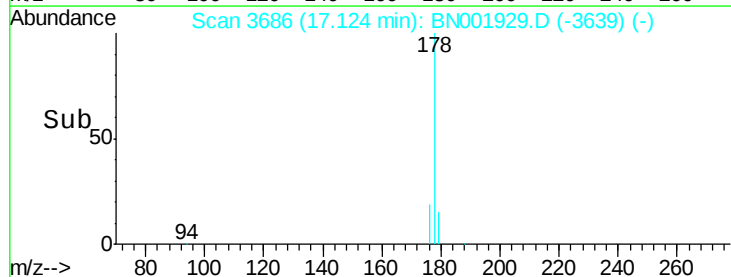
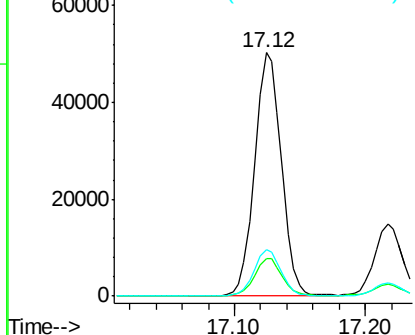


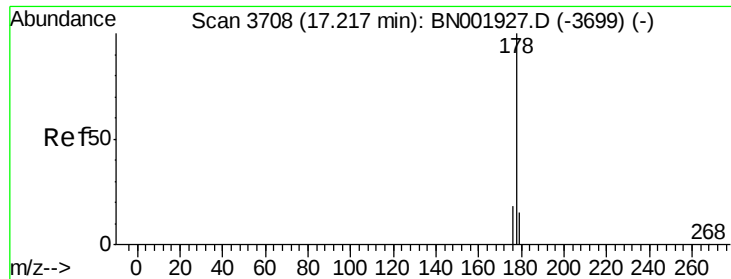
#12
 Phenanthrene
 Concen: 0.607 ng/ul
 RT: 17.12 min Scan# 3686
 Delta R.T. 0.00 min
 Lab File: BN001929.D
 Acq: 02 Jul 2018 11:33

Tgt Ion:178 Resp: 70313
 Ion Ratio Lower Upper
 178 100
 179 15.5 18.4 27.6#
 176 18.9 13.6 20.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.198 ng/ul

RT: 17.22 min Scan# 3708

Delta R.T. 0.00 min

Lab File: BN001929.D

Acq: 02 Jul 2018 11:33

Instrument :

BNA_N

ClientSampleId :

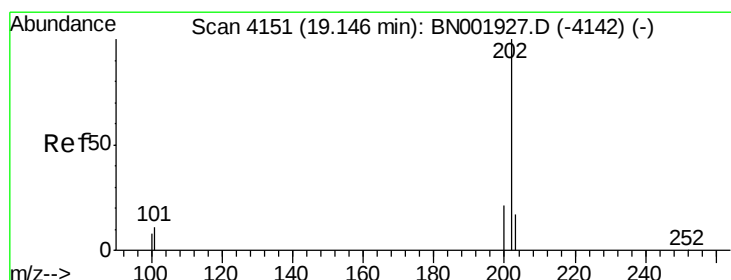
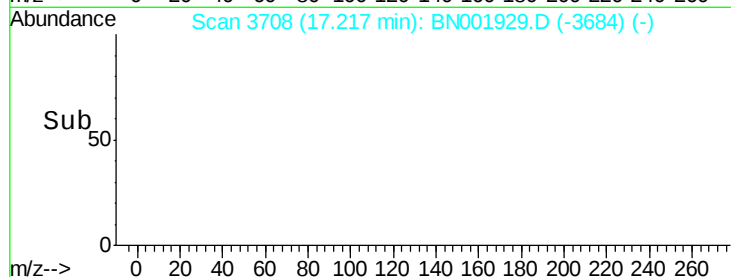
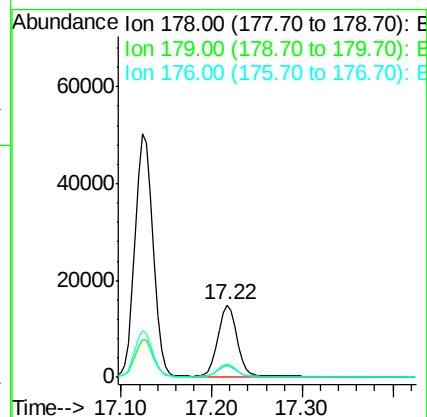
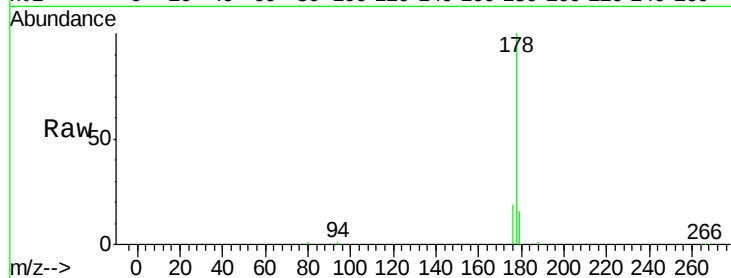
Tot Ion:178 Resp: 21729

Ion Ratio Lower Upper

178 100

179 16.2 18.1 27.1#

176 18.7 14.7 22.1



#15

Fluoranthene

Concen: 0.386 ng/ul

RT: 19.15 min Scan# 4151

Delta R.T. 0.00 min

Lab File: BN001929.D

Acq: 02 Jul 2018 11:33

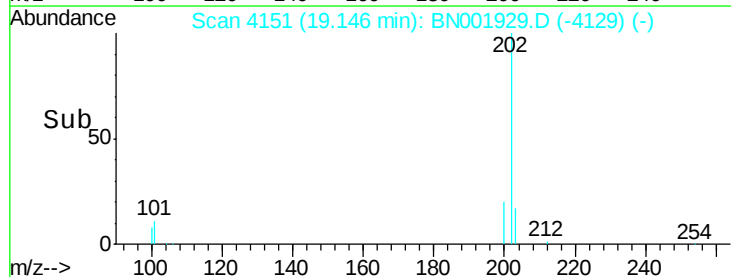
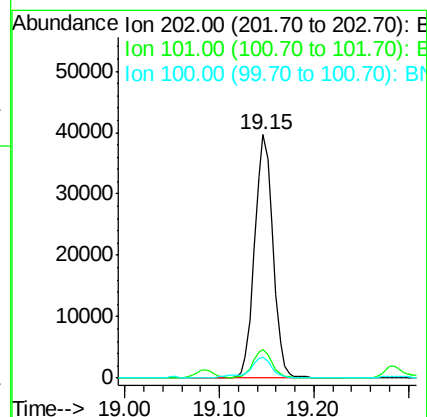
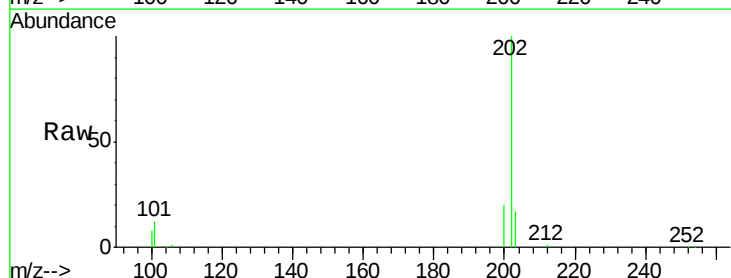
Tgt Ion:202 Resp: 53103

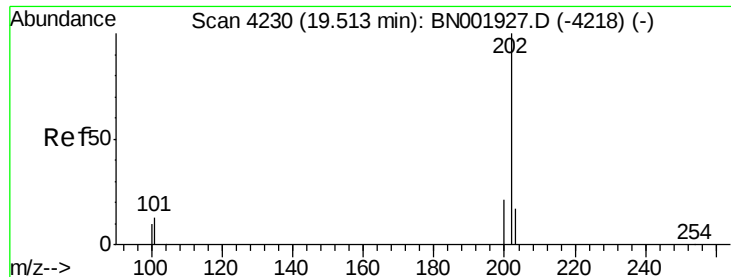
Ion Ratio Lower Upper

202 100

101 11.6 0.0 30.0

100 8.4 0.0 30.0





#17

Pvrene

Concen: 0.537 ng/ul

RT: 19.51 min Scan# 4229

Delta R.T. -0.00 min

Lab File: BN001929.D

Acq: 02 Jul 2018 11:33

Instrument :

BNA_N

ClientSampleId :

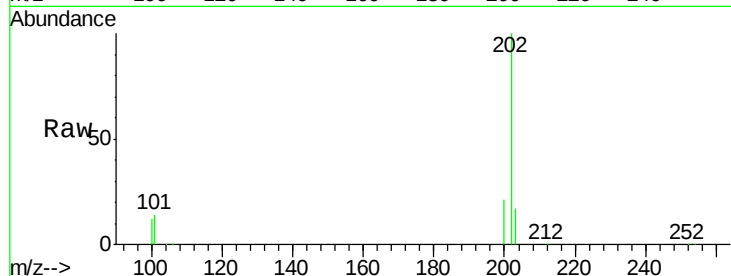
Tot Ion:202 Resp: 61088

Ion Ratio Lower Upper

202 100

101 14.3 12.0 18.0

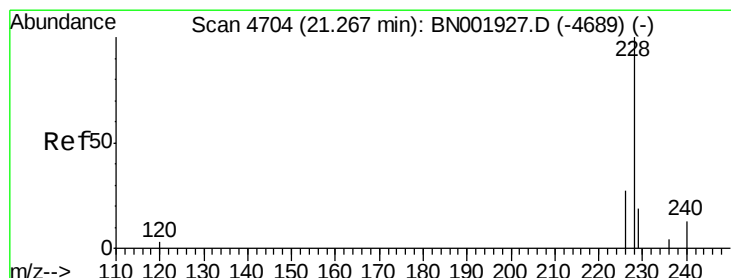
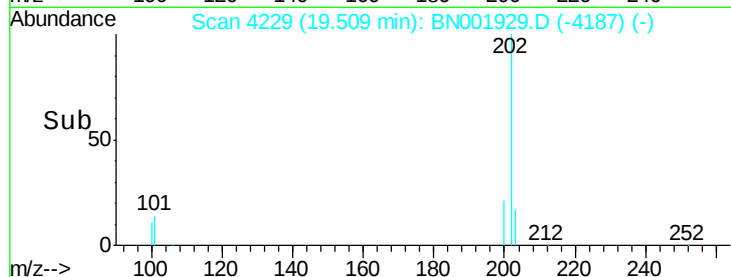
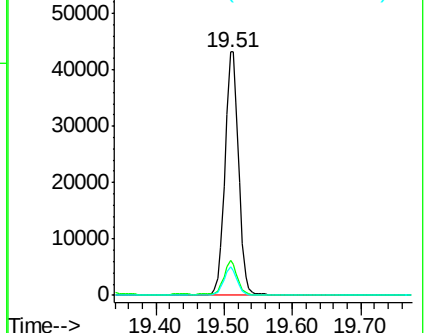
100 11.7 8.0 12.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 0.637 ng/ul

RT: 21.27 min Scan# 4705

Delta R.T. 0.00 min

Lab File: BN001929.D

Acq: 02 Jul 2018 11:33

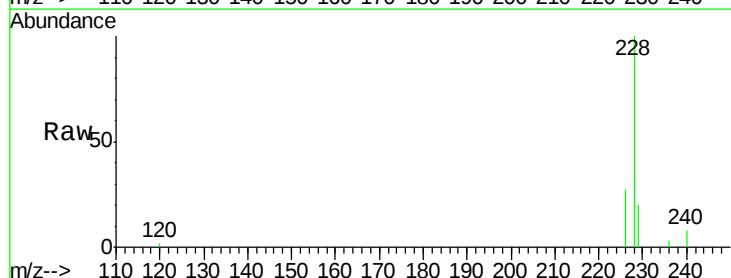
Tgt Ion:228 Resp: 68945

Ion Ratio Lower Upper

228 100

229 19.6 22.8 34.2#

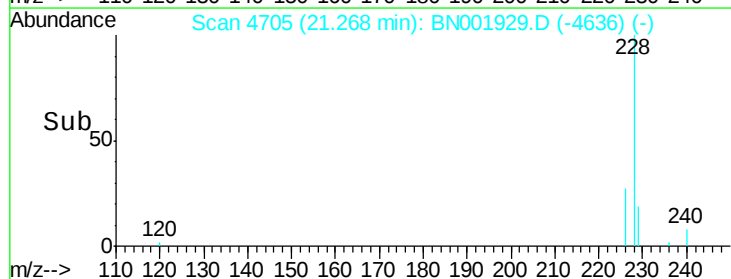
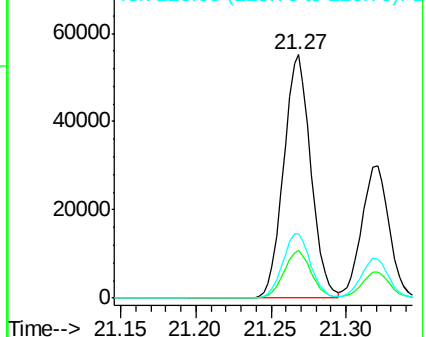
226 26.7 17.0 25.6#

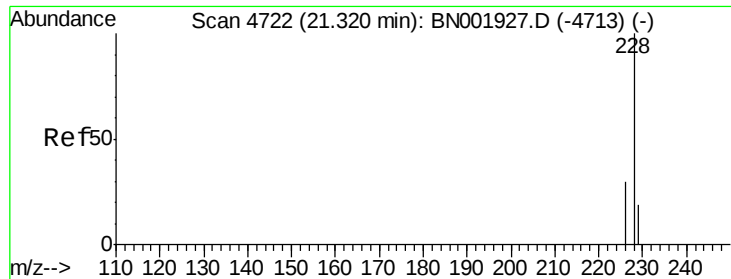


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.354 ng/ul

RT: 21.32 min Scan# 4723

Delta R.T. 0.00 min

Lab File: BN001929.D

Acq: 02 Jul 2018 11:33

Instrument :

BNA_N

ClientSampleId :

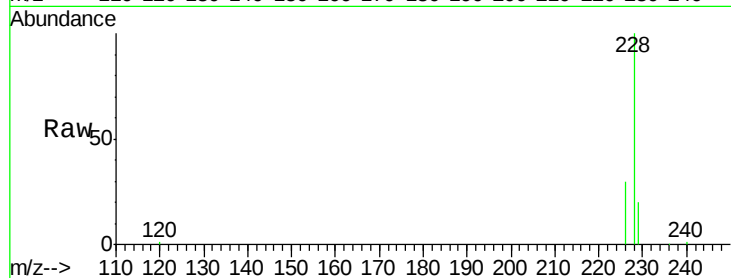
Tot Ion:228 Resp: 38094

Ion Ratio Lower Upper

228 100

226 29.6 23.4 35.0

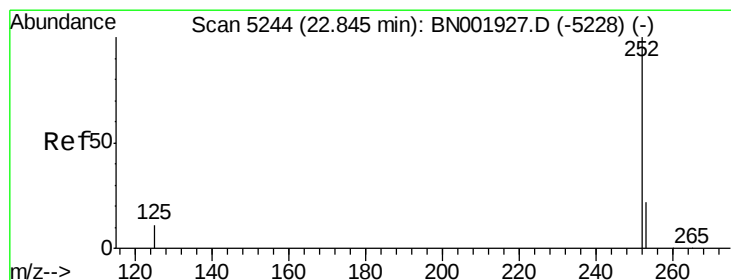
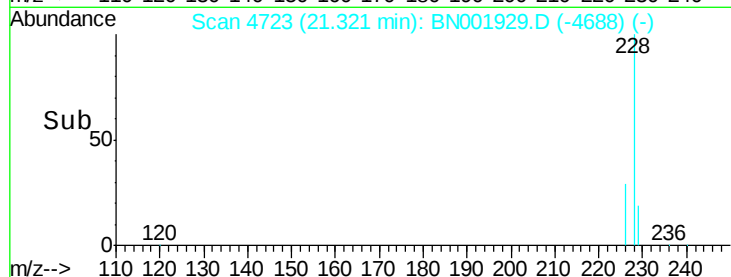
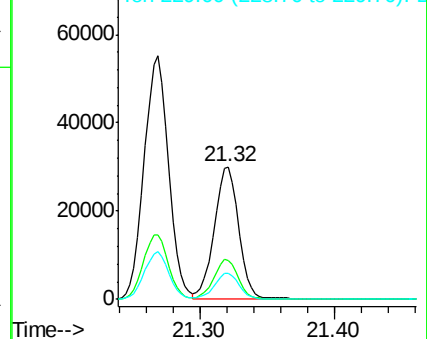
229 19.6 17.7 26.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.286 ng/ul

RT: 22.85 min Scan# 5245

Delta R.T. 0.00 min

Lab File: BN001929.D

Acq: 02 Jul 2018 11:33

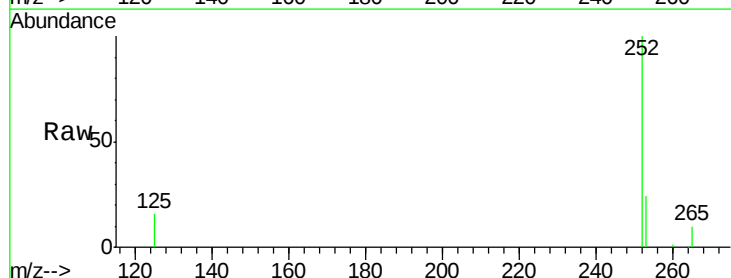
Tgt Ion:252 Resp: 26206

Ion Ratio Lower Upper

252 100

253 23.9 0.0 64.2

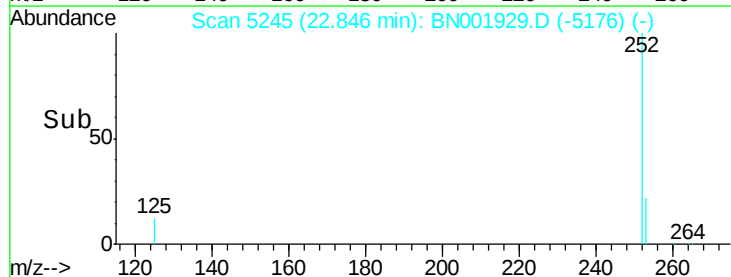
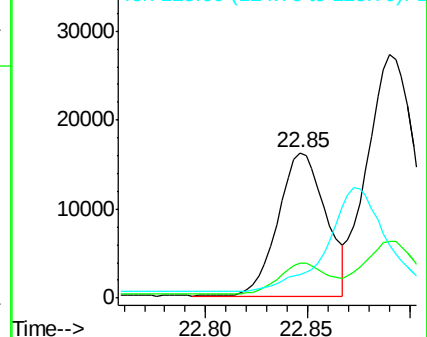
125 16.5 0.0 35.0

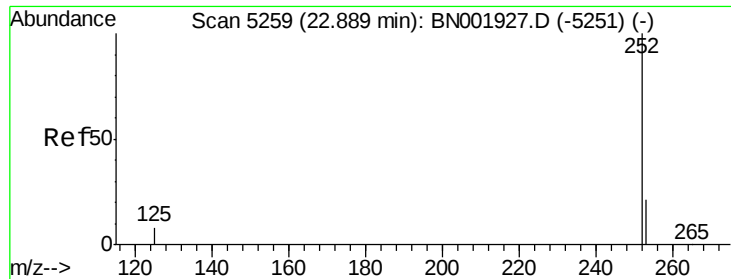


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

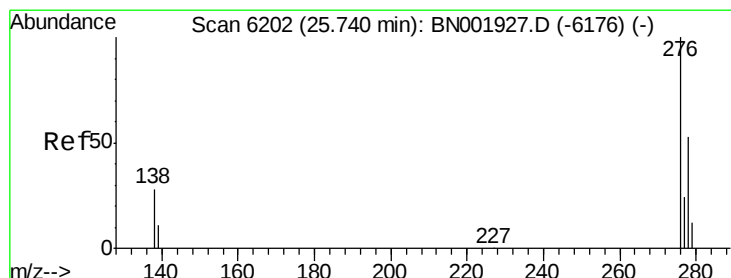
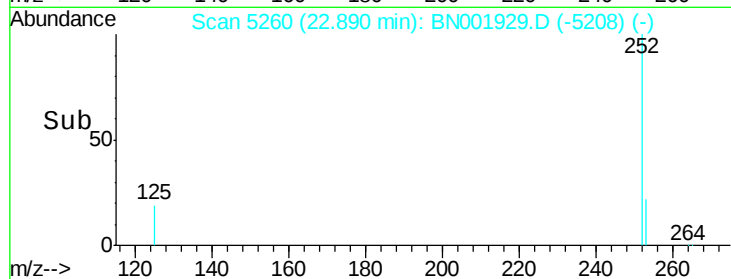
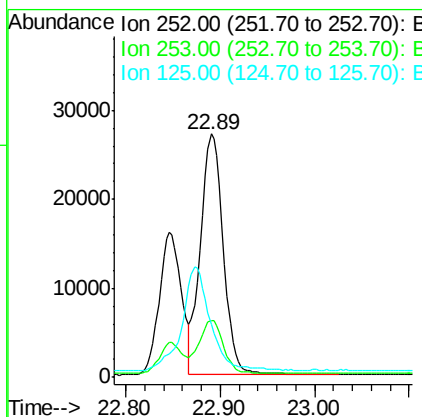
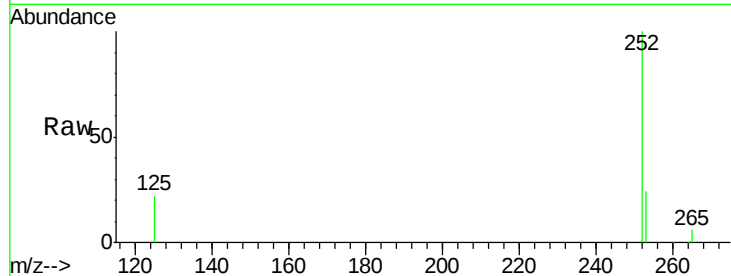




#22
Benzo(k)fluoranthene
Concen: 0.500 ng/u1
RT: 22.89 min Scan# 5260
Delta R.T. 0.00 min
Lab File: BN001929.D
Acq: 02 Jul 2018 11:33

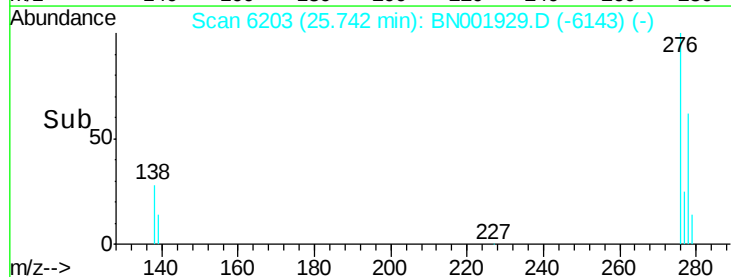
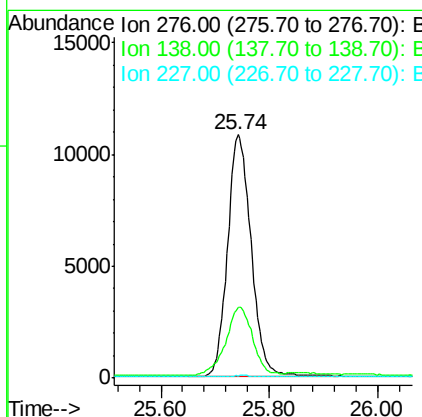
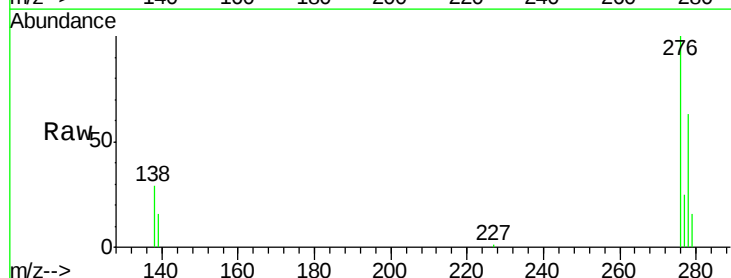
Instrument :
BNA_N
ClientSampleId :

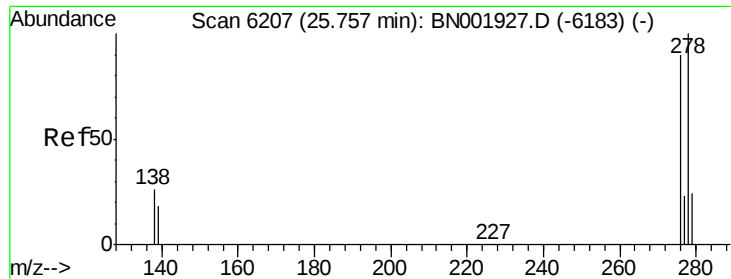
Tot Ion:252 Resp: 45653
Ion Ratio Lower Upper
252 100
253 23.5 24.5 36.7#
125 21.7 13.7 20.5#



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.346 ng/u1
RT: 25.74 min Scan# 6203
Delta R.T. 0.00 min
Lab File: BN001929.D
Acq: 02 Jul 2018 11:33

Tgt Ion:276 Resp: 32996
Ion Ratio Lower Upper
276 100
138 31.8 28.0 42.0
227 0.3 0.8 1.2#

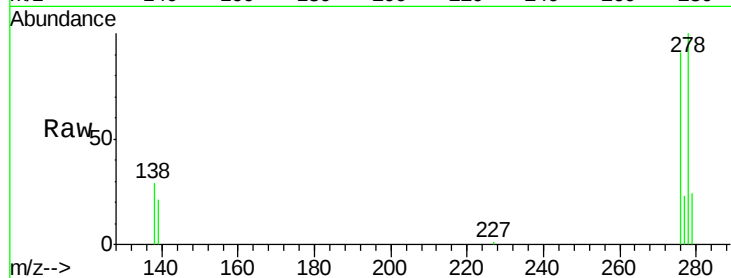




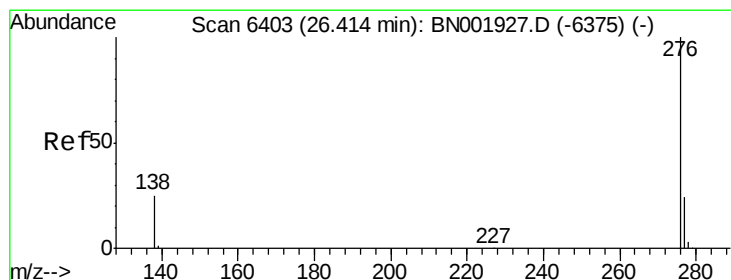
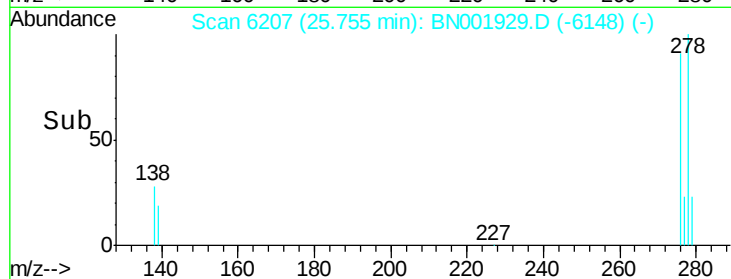
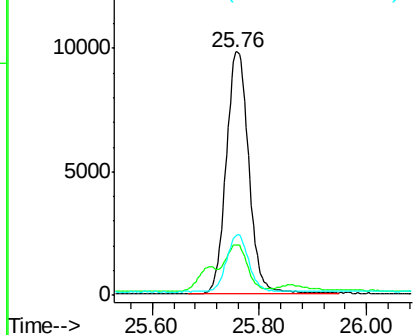
#25
Dibenzo(a,h)anthracene
Concen: 0.380 ng/ul
RT: 25.76 min Scan# 6207
Delta R.T. -0.00 min
Lab File: BN001929.D
Acq: 02 Jul 2018 11:33

Instrument :
BNA_N
ClientSampled :

Tot Ion:278 Resp: 28916
Ion Ratio Lower Upper
278 100
139 20.7 17.4 26.0
279 24.3 25.9 38.9#

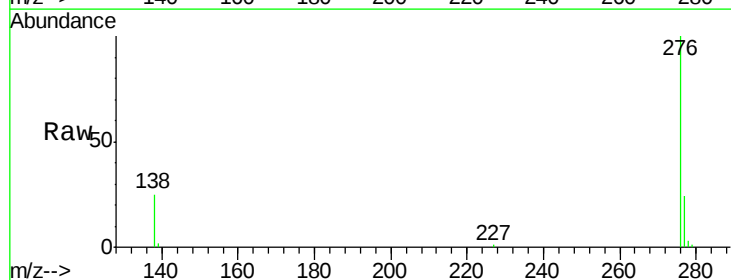


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.519 ng/ul
RT: 26.42 min Scan# 6405
Delta R.T. 0.01 min
Lab File: BN001929.D
Acq: 02 Jul 2018 11:33

Tgt Ion:276 Resp: 42107
Ion Ratio Lower Upper
276 100
138 25.0 21.8 32.8
277 24.0 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

